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August 5, 2008

Ms. Jaclynne Drummond  
Solid Waste Section  
Division of Waste Management  
401 Oberlin Road  
Suite 150  
Raleigh, North Carolina 27605-1350

Subject: Wake County Semi-Annual Groundwater Sampling  
North Wake Unlined and Feltonville Landfills  
Request for Reductions in Water Quality Monitoring

Dear Jackie:

CDM, on behalf of Wake County, is submitting this request to reduce the North Carolina Appendix II sampling from monitoring wells at the Closed North Wake Unlined and Closed Feltonville landfills based on recent and historical sampling results. Appendix II sampling at each landfill has consisted of Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Metals, Herbicides, Pesticides, and Polychlorinated Biphenyls (PCBs) semi-annually since the November 2004 sampling event.

The approved groundwater monitoring network for the North Wake unlined landfill consists of the following wells: MW-11 (shallow background well), MW-11d (deep background well), MW-5R, MW-6, MW-6d, MW-7, MW-8, MW-8d, MW-9, MW-10, MW-10d, MW-22, MW-23, MW-23d, MW-24, MW-27, MW-28, MW-28d, MW-29d, MW-30, MW-31, MW-31d, MW-32, MW-33, MW-34, MW-34d, MW-35, TB-1a, and TB-1a deep. Monitoring wells MW-27, MW-28, MW-28d, MW-33, MW-34, MW-34d, and MW-35 are only sampled during the spring event. MW-27 has not been sampled since April 2004 due to a damaged protective cover and compromised seal. MW-27 is scheduled to be abandoned prior to the Fall 2008 sampling event. Additional wells MW-36s/d are scheduled to be installed down-gradient of MW-9 prior to the Fall 2008 event. These wells will be sampled for the same parameters as MW-9 and will also serve as the replacement for MW-27. A site map with the monitoring well locations and potentiometric contours from the April 2008 sampling event is provided on Figure 1.



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The approved groundwater monitoring network for the Feltonville landfill consists of the following wells: MW-2 (background well), MW-4, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, and MW-28. Monitoring wells MW-2, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, and MW-28 monitor the recently closed cell. The remaining wells (MW-4, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, and MW-27) monitor the old cells in the back of the landfill property. A site map with the monitoring well locations and potentiometric contours from the April 2008 sampling event is provided on Figure 2.

CDM reviewed recent and historic Appendix II sampling results for each landfill. All monitoring wells at both landfills will continue to be sampled for Appendix II VOCs and Metals. The background wells at each landfill will be sampled for Appendix II VOCs, SVOCs, Metals, Herbicides, and Pesticides.

Monitoring wells at each landfill that have had detected constituents reported as "J" values on more than one occasion will continue to be sampled for SVOCs, Herbicides, and Pesticides, with the exception of those wells that recently had detections of Endosulfan I. During the April 2008 sampling event some of the monitoring wells at both landfills had detections of Endosulfan I reported as a "J" value. Prior to the April 2008 sampling event, Endosulfan I had not been detected in any of the monitoring wells at either site. Laboratory reports indicate that Endosulfan I was detected in the prep blanks at low level "J" values. The Endosulfan I detections reported in the monitoring wells are likely attributed to the background concentrations found in the prep blanks and are not representative of a release from the landfill. PCBs have never been detected in any of the monitoring wells at either landfill, including the most recent sampling event.

CDM is requesting that those monitoring wells at each landfill that have either never had detections, or have not had detections within the last 4 sampling events, of SVOCs, Herbicides, Pesticides, or PCBs, no longer be sampled for those parameters. In addition, CDM is requesting that those wells that continue to have Appendix II detections only be sampled for the respective detected Appendix II constituents during spring semi-annual events at each landfill. Appendix II VOC and Metals will continue to be sampled and analyzed during all future semi-annual sampling events.

Summary tables with the new proposed water quality monitoring schedules for the North Wake Unlined and Closed Feltonville Landfills are provided on Table 1 and Table 2,



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respectively. Recent and historical Appendix II sampling results for the North Wake Unlined and Closed Feltonville landfills are provided in Table 3 and Table 4, respectively.

The Fall 2008 sampling event for each landfill is scheduled for October. Monitoring wells at each landfill will continue to be sampled and analyzed for Appendix II constituents until the Solid Waste Section has commented on the requested reduction.

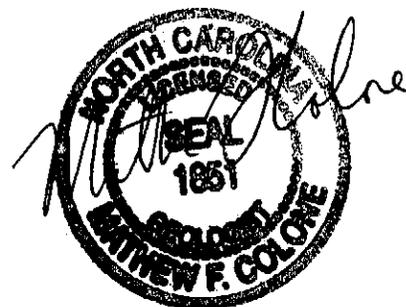
Following the Fall 2008 event and subsequent events, CDM will re-evaluate the Appendix II analytical list at each landfill and determine if additional parameters and locations can be removed.

If you have any questions or require further explanation, do not hesitate to call me at 787-5620.

Very truly yours,

Mathew F. Colone, P.G.  
Camp Dresser & McKee

cc: Johnny Beal, WCSWM  
Bob Brossoie P.G., CDM  
Dan Forbes, CDM



5 August 2008

Table 1  
Proposed Water Quality Monitoring Schedule  
North Wake Unlined Landfill

Well ID	Well Depth (ft)	Analyses				
		APP II VOCs	APP II Metals	APP II SVOCs	Pesticides	Herbicides
MW-5R	25.5	X	X			
MW-6	22.35	X	X	X	X	
MW-6d	62	X	X			
MW-7	19	X	X	X		
MW-8	21	X	X			
MW-8d	42	X	X			
MW-9	44.2	X	X	X	X	
MW-10	55.4	X	X	X		
MW-10d	90	X	X	X		
MW-11	54	X	X	X	X	X
MW-11d	69	X	X	X	X	X
MW-22	39	X	X	X	X	
MW-23	50	X	X	X		
MW-23d	94	X	X	X		
MW-24	47.5	X	X	X		
MW-28*	30.3	X	X	X	X	
MW-28d*	50.5	X	X	X		
MW-29d	52	X	X	X	X	
MW-30	55	X	X	X	X	
MW-31	35	X	X	X	X	
MW-31d	65	X	X	X		
MW-32	26	X	X	X	X	
TB-1a	30	X	X	X		
TB-1a Deep	62	X	X	X		
MW-33*	25	X	X	X	X	
MW-34*	25	X	X	X		
MW-34d*	55	X	X	X		
MW-35*	25	X	X	X		
MW-36s	TBD	X	X	X	X	X
MW-36d	TBD	X	X	X	X	X

Notes:

- \* - Wells sampled during Spring event only
- VOCs - Volatile Organic Compounds
- SVOCs - Semi-Volatile Organic Compounds
- X - Indicates which Appendix II analysis samples from future monitoring events will be analyzed for
- Blank Cells - Indicate which Appendix II analysis samples from future monitoring events will NOT be analyzed for

*Endosulfan I  
residual, batch, residue & background 11d*

*Eguf Mark (induced contamination)  
Sampling technique  
transport  
Sampling equipment contamination*

**Table 2  
Proposed Water Quality Monitoring Schedule  
Closed Feltonsville Landfill**

Well Code	Well Depth (ft)	Analyses						
		APP II VOCs	APP II Metals	APP II SVOCS	Pesticides	Herbicides		
MW-2	60	X	X	X	X	X		
MW-4	36	X	X		X			
MW-6	33.5	X	X		X			
MW-8	45.7	X	X					
MW-9	37.2	X	X		X			
MW-10	22.5	X	X	X	X	X		
MW-11	23.8	X	X					
MW-12	21.8	X	X		X	X		
MW-13	23.3	X	X		X			
MW-14	39.8	X	X					
MW-15	41	X	X		X	X		
MW-16	45	X	X		X	X		
MW-17	28.5	X	X		X	X		
MW-18	26.5	X	X		X	X		
MW-19	68	X	X					
MW-20	28.5	X	X		X			
MW-21	31	X	X		X	X		
MW-22	28.5	X	X		X	X		
MW-23	27.7	X	X		X	X		
MW-24	30.95	X	X		X	X	X	
MW-25	30.6	X	X			X		
MW-26	20	X	X	X	X	X		
MW-27	31.5	X	X					
MW-28	71	X	X					

Notes:  
 VOCs - Volatile Organic Compounds  
 SVOCS - Semi-Volatile Organic Compounds  
 X - Indicates which Appendix II analysis samples from future monitoring events will be analyzed for  
 Blank Cells - Indicate which Appendix II analysis samples from future monitoring events will NOT be analyzed for



Table 3a  
 Detected Constituents - Volatile and Semi-Volatile Organic Compounds  
 North Wake Unlined Landfill

Monitor Well	Sample Date	Volatile Organic Compounds																Semi-Volatile Organic Compounds																				
		Acetone	Benzene	Bromodichloromethane	Chlorobenzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethane	Chloroethane	Chloroform	cis-1,2-Dichloroethane	p-Dichlorobenzene	o-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethane	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethylbenzene	Chloroethane	Tetrachloroethane	Total Xylenes	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethane	MEK (2-Butanone)	1,2,3-Trichloropropane	bis (2-ethylhexyl) Phthalate	Diethylphthalate	Dimethylphthalate	3,4-Methylphenol				
NC2L		700	1	0.56	50	0.38	200	2.8	2800	70	1.4	24	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	0.015	1400	0.0004	100	4200	0.005	NE	5000	NE	NE	3.5				
SWSL		100	1	1	3	1	1	1	10	5	1	5	5	1.00	5	1	1	1	1	1	1.0	1	1	1	1	1	5	100	1	15	10	10	10	10				
MW-11d	31-Oct-95																																					
MW-11d	22-Mar-96																																					
MW-11d	27-Nov-96																																					
MW-11d	22-Apr-97																																					
MW-11d	31-Oct-97																																					
MW-11d	11-May-98																																					
MW-11d	8-Dec-98																																					
MW-11d	14-Apr-99																																					
MW-11d	30-Nov-99																																					
MW-11d	5-Apr-00																																					
MW-11d	18-Dec-00																																					
MW-11d	15-Apr-01																																					
MW-11d	27-Nov-01																																					
MW-11d	5-Apr-02																																					
MW-11d	5-Nov-02																																					
MW-11d	15-Apr-03																																					
MW-11d	30-Oct-03																																					
MW-11d	21-Apr-04																																					
MW-11d	15-Nov-04																																					
MW-11d	21-Apr-05																																					
MW-11d	11-Nov-05																																					
MW-11d	14-Apr-06																																					
MW-11d	10-Nov-06																																					
MW-11d	20-Apr-07																																					
MW-11d	8-Nov-07																																					
MW-11d	15-May-08																																					

MCL = 6-9/L



Table 3a  
 Detected Constituents - Volatile and Semi-Volatile Organic Compounds  
 North Wake Unlined Landfill

Monitor Well	Sample Date	Volatile Organic Compounds												Semi-Volatile Organic Compounds																									
		Acetone	Benzene	Bromodichloromethane	Chlorobenzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	p-Dichlorobenzene	o-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethylbenzene	Chloromethane	Tetrachloroethene	Total Xylenes	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	1,2,3-Trichloropropane	bis (2-ethylhexyl) Phthalate	Diethylphthalate	Dimethylphthalate	3,4-Methylphenol					
NC2L		700	1	0.56	50	0.38	200	2.8	2000	70	70	70	70	0.51	7	1000	2100	1.00	1.00	4.6	550	2.6	0.7	530	0.015	1400	0.0004	100	4200	0.005	NE	5000	NE	NE	3.5				
SWSL		100	1	1	3	1	1	1	10	5	5	5	5	1.00	5	1	1	1	1	1	1	1	1	1	1	1	1	5	100	1	15	10	10	10	10				
MW-5	8-Mar-94								3.5	0.33							3.9																						
MW-6	15-Apr-94							2.1	12.5								2.6																						
MW-6	11-May-94							4.9	28.7								2.6																						
MW-5 (dup)	1-Jun-94							7.5	50	4.3							11																						
MW-6	29-Aug-94							1.4	22																														
MW-6	13-Jun-95							19	18																														
MW-6	28-Sep-95							22	19																														
MW-5	31-Oct-95							37	32																														
MW-5	30-Jan-96							34	34																														
MW-6	28-Nov-96							37	37																														
MW-6	22-Apr-97							37	37																														
MW-6	24-Nov-97							29	28																														
MW-6	6-May-98							17	29																														
MW-6	8-Dec-98							30	30																														
MW-6	16-Apr-99							11	16																														
MW-6	2-Dec-99							7	7																														
MW-5	11-Apr-00							7	7																														
MW-5	19-Dec-00							8	8																														
MW-5	3-Dec-01							6	6																														
MW-5	12-Apr-02							5	5																														
MW-5	5-Nov-02							5	5																														
MW-6	17-Apr-03							6	6																														
MW-6	4-Nov-03							5.7	5.7																														
MW-6	14-Apr-04							6	6																														
MW-6	18-Nov-04							14	14																														
MW-5	21-Apr-05							14	14																														
MW-5	11-Nov-05							11	11																														
MW-5	14-Nov-05							11	11																														
MW-5	14-Apr-06							11	11																														
MW-5	9-Nov-06							11	11																														
MW-5	19-Apr-07							11	11																														
MW-6	5-Nov-07							0.91	3.65J																														
MW-6	20-May-08							0.91	3.65J																														
MW-6	5-Jun-01							6	6																														
MW-6	4-Dec-01							6	6																														
MW-6	9-Apr-02							6	6																														
MW-6	7-Nov-02							6	6																														
MW-6	16-Apr-03							6	6																														
MW-6	4-Nov-03							6	6																														
MW-6	21-Apr-04							6	6																														
MW-6	19-Nov-04							6	6																														
MW-6	21-Apr-05							6	6																														
MW-6	11-Nov-05							6	6																														
MW-6	11-Apr-06							6	6																														
MW-6	9-Nov-06							6	6																														
MW-6	20-Apr-07							6	6																														
MW-6	8-Nov-07							6	6																														
MW-6	20-May-08							6	6																														

Table 3a  
 Detected Constituents - Volatile and Semi-Volatile Organic Compounds  
 North Wake Unlined Landfill

Monitor Well	Sample Date	Volatile Organic Compounds										Semi-Volatile Organic Compounds																								
		Acetone	Benzene	Bromodichloromethane	Chlorobenzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroethane	Chloroform	cis-1,2-Dichloroethene	p-Dichlorobenzene	o-Dichlorobenzene	1,1-Dichloroethane	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethylbenzene	Chloromethane	Tetrachloroethene	Total Xylenes	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	1,2,3-Trichloropropane	bis (2-ethylhexyl) Phthalate	Diethylphthalate	Dimethylphthalate	3,4-Methylphenol					
MU2L		700	1	0.58	50	0.38	200	2.8	2800	70	70	70	1.4	24	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	0.015	1400	0.0004	100	4200	0.005	NE	5000	NE	3.5	
SWSL		100	1	1	3	1	1	10	10	5	5	1	5	5	1.00	5	1	1	1	1	1	1	1	1	1	1	15	10	10	10	10	10	10	10		
MW-7	8-Mar-94																																			
MW-7	15-Apr-94																																			
MW-7	11-May-94																																			
MW-7	31-May-94																																			
MW-7	25-Aug-94																																			
MW-7	28-Sep-94																																			
MW-7	13-Jun-95																																			
MW-7	28-Sep-95																																			
MW-7	31-Oct-95																																			
MW-7	30-Jan-96																																			
MW-7	29-Nov-96																																			
MW-7	21-Apr-97																																			
MW-7	1-Nov-97																																			
MW-7	6-May-98																																			
MW-7	8-Dec-98																																			
MW-7	16-Apr-99																																			
MW-7	2-Dec-99																																			
MW-7	11-Apr-00																																			
MW-7 (dup)	11-Apr-00																																			
MW-7	19-Dec-00																																			
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MW-7	5-Nov-03																																			
MW-7	21-Apr-04																																			
MW-7 (dup)	21-Apr-04																																			
MW-7	18-Nov-04																																			
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MW-7	11-Nov-05																																			
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MW-7	9-Nov-06																																			
MW-7	8-Nov-07																																			
MW-7	15-May-08																																			









Table 3a  
 Detected Constituents - Volatile and Semi-Volatile Organic Compounds  
 North Wake Unlined Landfill

Monitor Well	Sample Date	Volatile Organic Compounds													Semi-Volatile Organic Compounds																					
		Acetone	Benzene	Bromodichloromethane	Chlorobenzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethane	Chloroethane	Chloroform	cis-1,2-Dichloroethene	p-Dichlorobenzene	o-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethane	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethylbenzene	Chloromethane	Tetrachloroethene	Total Xylenes	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	1,2,3-Trichloropropane	bis (2-ethylhexyl) Phthalate	Diethylphthalate	Dimethylphthalate	3,4-Methylphenol		
NC2L		700	1	0.56	50	0.38	200	2.8	2000	70	70	1.4	24	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	0.015	1400	0.0004	100	4200	0.005	NE	5000	NE	3.5		
SWSL		100	1	1	3	1	1	1	40	5	5	5	5	5	5	16	1	1	1	1	1	1.0	1	1	1	5	1	5	100	1	15	10	10	10		
MW-23	9-Jun-97						6.4			7.6																										
MW-23	18-Aug-97																																			
MW-23	2-Nov-97																																			
MW-23	5-May-98																																			
MW-23	8-Dec-98																																			
MW-23 (dup)	8-Dec-98																																			
MW-23	16-Apr-99																																			
MW-23	2-Dec-99																																			
MW-23 (dup)	2-Dec-99																																			
MW-23	12-Apr-00																																			
MW-23	20-Dec-00																																			
MW-23	17-Apr-01																																			
MW-23	4-Dec-01																																			
MW-23	11-Apr-02																																			
MW-23	6-Nov-02																																			
MW-23	17-Apr-03																																			
MW-23	5-Nov-03																																			
MW-23	17-Apr-03																																			
MW-23	5-Nov-03																																			
MW-23	25-Apr-04																																			
MW-23	18-Nov-04																																			
MW-23	21-Apr-05																																			
MW-23	11-Nov-05																																			
MW-23	14-Apr-06																																			
MW-23	9-Nov-06																																			
MW-23	20 ap 07																																			
MW-23	8-Nov-07																																			
MW-23	15-May-08																																			
MW-23	5-May-98																																			
MW-23	8-Dec-98																																			
MW-23	16-Apr-98																																			
MW-23	2-Dec-98																																			
MW-23	12-Apr-00																																			
MW-23	20-Dec-00																																			
MW-23	17-Apr-01																																			
MW-23	4-Dec-01																																			
MW-23	11-Apr-02																																			
MW-23	6-Nov-02																																			
MW-23	17-Apr-03																																			
MW-23	5-Nov-03																																			
MW-23	26-Apr-04																																			
MW-23	19-Nov-04																																			
MW-23	21-Apr-05																																			
MW-23	11-Nov-05																																			
MW-23	9-Nov-06																																			
MW-23	20-Apr-07																																			
MW-23	8-Nov-07																																			
MW-23	15-May-08																																			







Table 3a  
 Detected Constituents - Volatile and Semi-Volatile Organic Compounds  
 North Wake Unlined Landfill

Monitor Well	Sample Date	Volatile Organic Compounds													Semi-Volatile Organic Compounds																					
		Acetone	Benzene	Bromodichloromethane	Chlorobenzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	p-Dichlorobenzene	o-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloroethane	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethane	MEK (2-Butanone)	1,2,3-Trichloropropane	bis (2-ethylhexyl) Phthalate	Diethylphthalate	Dimethylphthalate	3,4-Methylphenol									
NC2L		700	1	0.56	50	0.38	200	2.8	2800	70	70	1.4	24	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	0.015	14000	0.0004	100	4700	0.005	NE	5000	NE	3.5		
SW5L		100	1	1	3	1	1	1	10	5	5	5	5	1.00	5	5	5	5	1	1	1	1.0	1	1	1	5	1	5	100	1	15	10	10	10		
MW-31d	1-May-92																																			
MW-31d	17-Aug-93																																			
MW-31d	9-Sep-93																																			
MW-31d	7-Oct-93																																			
MW-31d	8-Dec-93																																			
MW-31d	11-Jan-99																																			
MW-31d	8-Feb-99																																			
MW-31d	19-Apr-98																																			
MW-31d	3-Dec-99																																			
MW-31d	13-Apr-00																																			
MW-31d	19-Dec-00																																			
MW-31d	15-Apr-01									7																										
MW-31d	6-Dec-01									14																										
MW-31d	11-Apr-02									23																										
MW-31d	6-Nov-02									31																										
MW-31d	15-Apr-03									26																										
MW-31d	5-Nov-03									34																										
MW-31d	28-Apr-04									38.3																										
MW-31d	18-Nov-04									23.8																										
MW-31d	21-Apr-05									31.9																										
MW-31d	11-Nov-05									34																										
MW-31d	14-Apr-06									33.1																										
MW-31d	9-Nov-06									37.7																										
MW-31d	20-Apr-07									37.5																										
MW-31d	9-Nov-07									31.5																										
MW-31d	19-May-08									28.6																										
MW-32	1-May-95																																			
MW-32	18-Aug-95																																			
MW-32	9-Sep-95																																			
MW-32	6-Oct-95																																			
MW-32	7-Dec-98																																			
MW-32	11-Jan-99																																			
MW-32	8-Feb-99																																			
MW-32	15-Apr-98																																			
MW-32	3-Dec-99																																			
MW-32	13-Apr-00																																			
MW-32	19-Dec-00																																			
MW-32	17-Apr-01																																			
MW-32	4-Dec-01																																			
MW-32	11-Apr-02																																			
MW-32	6-Nov-02																																			
MW-32	15-Apr-03																																			
MW-32	4-Nov-03																																			
MW-32	28-Apr-04																																			
MW-32	18-Nov-04																																			
MW-32	21-Apr-05																																			
MW-32	11-Nov-05																																			
MW-32	14-Apr-06																																			
MW-32	5-Nov-06																																			
MW-32	20-Apr-07																																			
MW-32	9-Nov-07																																			
MW-32	19-May-08																																			





**Table 3b  
Detected Constituents - Pesticides, Herbicides, and PCB's  
North Wake Unlined Landfill**

Monitor Well	Sample Date	Pesticides								Herbicides
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Dinoseb
<b>NC2L</b>		0.006*	0.019*	0.019*	0.2	0.1	0.0022	NE	2	7*
<b>SWSL</b>		0.05	0.05	0.05	0.05	0.1	0.075	0.1	0.1	1
MW-11	18-Nov-04									
MW-11	21-Apr-05									
MW-11	11-Nov-05									
MW-11	14-Apr-06									
MW-11	10-Nov-06									
MW-11	20-Apr-07									
MW-11	8-Nov-07									
MW-11	15-May-08									
MW-11d	18-Nov-04									
MW-11d	21-Apr-05									
MW-11d	11-Nov-05									
MW-11d	14-Apr-06									
MW-11d	10-Nov-06									
MW-11d	20-Apr-07									
MW-11d	8-Nov-07									
MW-11d	15-May-08					0.0297J		0.0096J**		
MW-5	18-Nov-04		0.384	0.152						
MW-5	21-Apr-05		0.405	0.223	0.098					
MW-5	11-Nov-05									
MW-5	14-Apr-06									
MW-5	9-Nov-06									
MW-5	19-Apr-07									
MW-5	8-Nov-07									
MW-5R	21-May-08					0.0808J		0.0752J**		
MW-6	18-Nov-04	0.335		0.705			0.285		0.412	
MW-6	21-Apr-05	0.182		0.48						
MW-6	11-Nov-05		0.31		0.053					1.72
MW-6	14-Apr-06									
MW-6	9-Nov-06									
MW-6	19-Apr-07									
MW-6	8-Nov-07		0.052				0.084			
MW-6	20-May-08		0.0233J			0.0312J**				
MW-6d	18-Nov-04									
MW-6d	21-Apr-05									
MW-6d	11-Nov-05									
MW-6d	11-Apr-06									
MW-6d	9-Nov-06									
MW-6d	20-Apr-07									
MW-6d	8-Nov-07									
MW-6d	20-May-08									
MW-7	18-Nov-04									
MW-7	21-Apr-05									1.21
MW-7	11-Nov-05									
MW-7	14-Apr-06									
MW-7	9-Nov-06									
MW-7	20-Apr-07									
MW-7	8-Nov-07									
MW-7	15-May-08							0.0929J**		
MW-8	18-Nov-04									
MW-8	21-Apr-05	0.132								
MW-8	11-Nov-05									
MW-8	14-Apr-06									
MW-8	9-Nov-06									
MW-8	20-Apr-07									
MW-8	8-Nov-07									
MW-8	20-May-08									

**Table 3b  
Detected Constituents - Pesticides, Herbicides, and PCB's  
North Wake Unlined Landfill**

Monitor Well	Sample Date	Pesticides								Herbicides
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Dinoseb
NC2L		0.006*	0.019*	0.019*	0.2	0.1	0.0022	NE	2	7*
SWSL		0.05	0.05	0.05	0.05	0.1	0.075	0.1	0.1	1
MW-8d	18-Nov-04									
MW-8d	21-Apr-05									
MW-8d	11-Nov-05									
MW-8d	14-Apr-06									
MW-8d	10-Nov-06									
MW-8d	20-Apr-07									
MW-8d	8-Nov-07									
MW-8d	15-May-08							0.0254J**		
MW-9	18-Nov-04			0.136	0.051					1.8
MW-9	21-Apr-05			0.895	0.622					
MW-9	11-Nov-05									1.4
MW-9	14-Apr-06				0.143					
MW-9	9-Nov-06				0.786					
MW-9	19-Apr-07									
MW-9	8-Nov-07			0.05						
MW-9	20-May-08			0.0132J				0.0368J**		
MW-9 (dup)	20-May-08									
MW-10	18-Nov-04									
MW-10	21-Apr-05									
MW-10	11-Nov-05									
MW-10	14-Apr-06									
MW-10	9-Nov-06									
MW-10	19-Apr-07									
MW-10	8-Nov-07									
MW-10	20-May-08									
MW-10d	18-Nov-04									
MW-10d	21-Apr-05									
MW-10d	11-Nov-05									1.72
MW-10d	14-Apr-06									
MW-10d	10-Nov-06									
MW-10d	20-Apr-07									
MW-10d	8-Nov-07									
MW-10d	20-May-08							0.0234J**		
MW-22	19-Nov-04									
MW-22	22-Apr-06									
MW-22	11-Nov-05									
MW-22	14-Apr-07									
MW-22	9-Nov-06									
MW-22	20-Apr-07									
MW-22	8-Nov-07									
MW-22	15-May-08							0.124		
MW-23	19-Nov-04									
MW-23	21-Apr-05									
MW-23	11-Nov-05									
MW-23	14-Apr-06									
MW-23	9-Nov-06									
MW-23	20 ap 07									
MW-23	8-Nov-07									
MW-23	15-May-08									
MW-23d	19-Nov-04									
MW-23d	21-Apr-05									
MW-23d	11-Nov-05									
MW-23d	14-Apr-06									
MW-23d	9-Nov-06									
MW-23d	20-Apr-07									
MW-23d	8-Nov-07									
MW-23d	15-May-08							0.0256J**		

**Table 3b  
Detected Constituents - Pesticides, Herbicides, and PCB's  
North Wake Unlined Landfill**

Monitor Well	Sample Date	Pesticides								Herbicides
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Dinoseb
NC2L		0.006*	0.019*	0.019*	0.2	0.1	0.0022	NE	2	7*
SWSL		0.05	0.05	0.05	0.05	0.1	0.075	0.1	0.1	1
MW-24	18-Nov-04									
MW-24	21-Apr-05									
MW-24	11-Nov-05									
MW-24	14-Apr-06									
MW-24	9-Nov-06									
MW-24	19-Apr-07									
MW-24	8-Nov-07									
MW-24	20-May-08							0.017J**		
MW-28	22-Apr-05									
MW-28	14-Apr-06									
MW-28	20-Apr-07									
MW-28	19-May-08			0.020J*				0.0412J**		
MW-28d	22-Apr-05									
MW-28d	14-Apr-06									
MW-28d	20-Apr-07									
MW-28d	19-May-08							0.0308J**		
MW-29d	19-Nov-04									
MW-29d	21-Apr-05									
MW-29d	11-Nov-05									
MW-29d	14-Apr-06									
MW-29d	10-Nov-06									
MW-29d	20-Apr-07									
MW-29d	9-Nov-07									
MW-29d	19-May-08			0.040J*				0.0484J**		
MW-30	19-Nov-04									
MW-30	21-Apr-05									
MW-30	11-Nov-05									
MW-30	14-Apr-06									
MW-30	10-Nov-06									
MW-30	20-Apr-07									
MW-30	9-Nov-07									
MW-30	19-May-08			0.063J*				0.155		
MW-31	18-Nov-04									
MW-31	21-Apr-05									
MW-31	11-Nov-05									
MW-31	14-Apr-06									
MW-31	9-Nov-06									
MW-31	20-Apr-07									
MW-31	9-Nov-07									
MW-31	19-May-08			0.0111J						
MW-31d	19-Nov-04									
MW-31d	21-Apr-05									
MW-31d	11-Nov-05									
MW-31d	14-Apr-06									
MW-31d	9-Nov-06									
MW-31d	20-Apr-07									
MW-31d	9-Nov-07									
MW-31d	19-May-08							0.0375J**		
MW-32	18-Nov-04									
MW-32	21-Apr-05									
MW-32	11-Nov-05									
MW-32	14-Apr-06									
MW-32	9-Nov-06									
MW-32	20-Apr-07									
MW-32	9-Nov-07									
MW-32	19-May-08							0.0492J**		
TB-1a	18-Nov-04									
TB-1a	21-Apr-05									
TB-1a	11-Nov-05									
TB-1a	14-Apr-06									
TB-1a	9-Nov-06									
TB-1a	19-Apr-07									
TB-1a	9-Nov-07									
TB-1a	20-May-08	0.0113J						0.0828J**		

**Table 3b  
Detected Constituents - Pesticides, Herbicides, and PCB's  
North Wake Unlined Landfill**

Monitor Well	Sample Date	Pesticides								Herbicides
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Dinoseb
NC2L		0.006*	0.019*	0.019*	0.2	0.1	0.0022	NE	2	7*
SWSL		0.05	0.05	0.05	0.05	0.1	0.075	0.1	0.1	1
TB-1a deep	11-Nov-05									
TB-1a deep	14-Apr-06									
TB-1a deep	10-Nov-06									
TB-1a deep	20-Apr-07									
TB-1a deep	9-Nov-07									
TB-1a deep	19-May-08							0.0595J**		
MW-33	22-Apr-05									
MW-33	14-Apr-06									
MW-33	20-Apr-07									
MW-33	15-May-08			0.00175J				0.0318J**		
MW-34	22-Apr-05									
MW-34	14-Apr-06									
MW-34	20-Apr-07									
MW-34	19-May-08									
MW-34d	22-Apr-05									
MW-34d	14-Apr-06									
MW-34d	20-Apr-07									
MW-34d	19-May-08							0.0145J**		
MW-35	22-Apr-05									
MW-35	14-Apr-06									
MW-35	20-Apr-07									
MW-35	19-May-08									

**Notes:**

All units are in micrograms per liter (parts per billion).

 - Concentration exceeds N.C. Groundwater Standards (2L)

 - Indicates results below detection limits

\* - groundwater protection standard

NE - standard not established

J - Indicates the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Reporting Limits (SWSL)

\*\* - Endosulfan I was also detected in the background well MW-11d and batch and equipment blanks at similar concentrations.

No PCBs were detected in samples from the April 2008 sampling event.

Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds																SVOCs														
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene		
NC2L		700	1	50	1.4	2800	70	2.8	70	7	0.38	0.51	550	4.8	2100	560*	100	0.7	200	70	2.8	530	1000	7000*	0.015	4200	1400	NE	5000	21		
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	1	5	1	5	1	50	1	100	5	15	10	10	
MW-2	16-Jun-94																															
MW-2	13-Sep-94																															
MW-2	12-Jan-95																															
MW-2	11-Feb-95																															
MW-2	13-Jun-95																															
MW-2	28-Sep-95																															
MW-2	31-Oct-95																															
MW-2	29-Jan-96																															
MW-2	3-Dec-96																															
MW-2	26-Apr-97																															
MW-2	3-Nov-97																															
MW-2	13-May-98																															
MW-2	2-Dec-98																															
MW-2	27-Apr-99																															
MW-2	7-Dec-99																															
MW-2 dup	7-Dec-99																															
MW-2	19-Apr-00																															
MW-2	14-Dec-00																															
MW-2	11-Apr-01																															
MW-2	5-Dec-01																															
MW-2	28-Mar-02																															
MW-2	31-Oct-02																															
MW-2	22-Apr-03																															
MW-2	8-Dec-03																															
MW-2	1-Apr-04																															
MW-2	16-Nov-04																															
MW-2	19-Apr-05																															
MW-2	8-Nov-05																															
MW-2	11-Apr-06																															
MW-2	7-Nov-06																															
MW-2	17-Apr-07																															
MW-2	6-Nov-07																															
MW-2	22-May-08																															

**Table 4a**  
**Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds**  
**Feltonsville Landfill - Wake County**

Monitor Well	Sample Date	Volatile Organic Compounds													SVOCs																						
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene						
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.6	2100	560	100	0.7	200	70	2.8	530	1000	7000	0.015	4200	1400	NE	5000	21							
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	200	5	5	1	1	5	1	5	1	1	50	1	100	5	15	10	10						
MW-4	31-Oct-95																																				
MW-4	2-Dec-96																																				
MW-4	26-Apr-97																																				
MW-4	3-Nov-97																																				
MW-4	2-Dec-98																																				
MW-4	27-Apr-99																																				
MW-4	8-Dec-99																																				
MW-4	18-Apr-00																																				
MW-4	5-Dec-01																																				
MW-4	28-Mar-02																																				
MW-4	23-Apr-03																																				
MW-4	31-Mar-04																																				
MW-4	16-Nov-04																																				
MW-4	19-Apr-05																																				
MW-4	8-Nov-05																																				
MW-4	11-Apr-06																																				
MW-4	7-Nov-06																																				
MW-4	17-Apr-07																																				
MW-4	6-Nov-07																																				
MW-4	21-May-08																																				

Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds																SVOCs														
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene		
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.6	2100	560*	100	0.7	200	70	2.8	530	1000	7000*	0.015	4200	1400	NE	5000	21		
SWSL		100	1	3	1	10	5	1	5	1	1	1	1	1	1	200	5	1	1	1	5	1	1	50	1	100	5	15	10	10		
MW-5	18-Jun-94																															
MW-6	13-Sep-94																															
MW-5	5-Dec-94																															
MW-5	12-Jan-95																															
MW-5	11-Feb-95																															
MW-5	13-Jun-95																															
MW-5	28-Sep-95																															
MW-5	28-Sep-95																															
MW-5	31-Oct-95																															
MW-5	28-Jan-96																															
MW-5	3-Dec-96																															
MW-5	28-Apr-97																															
MW-5	5-Nov-97																															
MW-5	13-May-98																															
MW-5	2-Dec-98																															
MW-5	27-Apr-99																															
MW-5	8-Dec-99																															
MW-5	19-Apr-00																															
MW-5	14-Dec-00																															
MW-5	11-Apr-01																															
MW-5	3-Dec-01																															
MW-5	27-Mar-02																															
MW-5	31-Oct-02																															
MW-5	22-Apr-03																															
MW-5	9-Dec-03																															
MW-5	1-Apr-04																															
MW-5	16-Nov-04																															
MW-5	19-Apr-05																															
MW-5	8-Nov-05																															
MW-5	11-Apr-06																															
MW-5	7-Nov-06																															
MW-5	17-Apr-07																															
MW-5	6-Nov-07																															
MW-5	22-May-08																															

**Table 4a  
Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
Feltonsville Landfill - Wake County**

Monitor Well	Sample Date	Volatile Organic Compounds															SVOCs																			
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene						
NC2L		700	1	50	1.4	2500	70	2.6	70	7	0.38	0.51	550	4.6	2100	560	100	0.7	200	70	2.8	530	1000	7000	0.015	4200	1400	NE	5000	21						
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	5	1	5	1	50	1	100	5	15	10	10						
MW-5	27-Sep-94																																			
MW-5	20-Nov-94																																			
MW-8	12-Jan-95																																			
MW-8	11-Feb-95																																			
MW-8	13-Jun-95																																			
MW-8	28-Sep-95																																			
MW-8	31-Oct-95																																			
MW-8	28-Jan-96																																			
MW-8	3-Dec-96																																			
MW-8	27-Apr-97																																			
MW-3	4-Nov-97																																			
MW-3 dup	4-Nov-97																																			
MW-8	12-May-98																																			
MW-8	30-Nov-98																																			
MW-8	27-Apr-99																																			
MW-8	7-Dec-99																																			
MW-8	19-Apr-00																																			
MW-8	12-Dec-00																																			
MW-8	10-Apr-01																																			
MW-8	5-Dec-01																																			
MW-8	25-Mar-02																																			
MW-8	31-Oct-02																																			
MW-8	22-Apr-03																																			
MW-8	9-Dec-03																																			
MW-8	1-Apr-04																																			
MW-8	16-Nov-04																																			
MW-8	19-Apr-05																																			
MW-8	8-Nov-05																																			
MW-8	11-Apr-06																																			
MW-8	7-Nov-06																																			
MW-8	17-Apr-07																																			
MW-8	6-Nov-07																																			
MW-8	22-May-08																																			

**Table 4a  
Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
Feltsville Landfill - Wake County**

Monitor Well	Sample Date	Volatile Organic Compounds															SVOCs																
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroethane	Chloromethane	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentane	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethane	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene			
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.6	2100	500	100	0.7	200	70	2.8	530	1000	7000	0.015	4200	1400	NE	5000	21			
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	1	5	1	5	1	1	100	5	15	10	10			
MW-9	26-Sep-94																																
MW-9 dup	26-Sep-94																																
MW-9	19-Nov-94																																
MW-9	12-Jan-95	140																															
MW-9	11-Feb-95	183																															
MW-9	13-Jun-95																																
MW-9	28-Sep-95																																
MW-9	31-Oct-95																																
MW-9	29-Jan-96																																
MW-9	3-Dec-96																																
MW-9	27-Apr-97																																
MW-9	4-Nov-97																																
MW-9	12-May-98																																
MW-9	30-Nov-98																																
MW-9	27-Apr-99																																
MW-9	7-Dec-99																																
MW-9	19-Apr-00																																
MW-9	13-Dec-00																																
MW-9	11-Apr-01																																
MW-9	3-Dec-01																																
MW-9	28-Mar-02																																
MW-9	31-Oct-02																																
MW-9	22-Apr-03																																
MW-9	9-Dec-03																																
MW-9	1-Apr-04																																
MW-9	16-Nov-04																																
MW-9	19-Apr-05																																
MW-9	8-Nov-05																																
MW-9	11-Apr-06																																
MW-9	7-Nov-06																																
MW-9	17-Apr-07																																
MW-9	6-Nov-07																																
MW-9	23-May-08																																



Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds																SVOCs																				
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene								
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.6	2100	560*	100	0.7	200	70	2.8	530	1000	7000*	0.015	4200	1400	15	5000	21								
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	5	1	5	1	50	1	100	5	15	10	10								
MW-11	27-Sep-94																																					
MW-11	20-Nov-94																																					
MW-11	12-Jan-95																																					
MW-11	11-Feb-95																																					
MW-11	13-Jun-95																																					
MW-11	28-Sep-95																																					
MW-11	31-Oct-95																																					
MW-11	29-Jan-96																																					
MW-11	3-Dec-96																																					
MW-11	27-Apr-97																																					
MW-11	4-Nov-97																																					
MW-11	13-May-98																																					
MW-11	30-Nov-98																																					
MW-11	27-Apr-98																																					
MW-11	8-Dec-99																																					
MW-11	19-Apr-00																																					
MW-11	13-Dec-00																																					
MW-11	10-Apr-01																																					
MW-11	5-Dec-01																																					
MW-11	28-Mar-02																																					
MW-11	31-Oct-02																																					
MW-11	23-Apr-03																																					
MW-11	9-Dec-03																																					
MW-11	1-Apr-04																																					
MW-11	16-Nov-04																																					
MW-11	19-Apr-05																																					
MW-11	8-Nov-05																																					
MW-11	11-Apr-06																																					
MW-11	7-Nov-06																																					
MW-11	17-Apr-07																																					
MW-11	6-Nov-07																																					
MW-11	23-May-08																																					



Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds													SVOCs																				
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethane	Tetrachloroethane	1,1,1-Trichloroethane	cis-1,2-Dichloroethane	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene			
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	650	4.6	2100	560	100	0.7	200	70	2.8	530	1000	7000	0.015	4200	1400	NE	5000	21					
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	5	1	1	1	1	1	1	100	5	15	10	10				
MW-13	26-Sep-04																																		
MW-13	21-Nov-04																																		
MW-13	12-Jan-95																																		
MW-13	11-Feb-95																																		
MW-13	13-Jun-95																																		
MW-13	28-Sep-95																																		
MW-13	31-Oct-95																																		
MW-13	29-Jan-96																																		
MW-13	1-Dec-96																																		
MW-13	26-Apr-97																																		
MW-13	4-Nov-97																																		
MW-13	12-May-98																																		
MW-13	30-Nov-98																																		
MW-13	27-Apr-99																																		
MW-13	7-Dec-99																																		
MW-13	19-Apr-00																																		
MW-13	14-Dec-00																																		
MW-13	11-Apr-01																																		
MW-13	5-Dec-01																																		
MW-13	28-Mar-02																																		
MW-13	30-Oct-02																																		
MW-13	23-Apr-03																																		
MW-13	8-Dec-03																																		
MW-13	31-Mar-04																																		
MW-13	16-Nov-04																																		
MW-13	19-Apr-05																																		
MW-13	8-Nov-06																																		
MW-13	11-Apr-06																																		
MW-13	7-Nov-06																																		
MW-13	17-Apr-07																																		
MW-13	6-Nov-07																																		
MW-13	23-May-08																																		



Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds													SVOCs																					
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethane	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene					
MW-15	26-Sep-94	700	1	50	1.4	2800	70	2.6	70	7	0.58	0.51	550	4.5	2100	550	100	0.7	200	70	2.8	530	1000	7000	0.015	4200	1400	15	5000	21						
MW-15	5-Dec-94	100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	1	5	1	1	50	1	100	5	15	10	10						
MW-15	12-Jan-95	177																																		
MW-15	11-Feb-95																																			
MW-15	13-Jun-95																																			
MW-15	28-Sep-95																																			
MW-15	31-Oct-95																																			
MW-15	29-Jan-96																																			
MW-15	1-Dec-96																																			
MW-15	26-Apr-97																																			
MW-15	26-Apr-97																																			
MW-15	4-Nov-97																																			
MW-15	12-May-98																																			
MW-15	30-Nov-98																																			
MW-15	30-Nov-98																																			
MW-15	27-Apr-99																																			
MW-15	27-Apr-99																																			
MW-15	7-Dec-99																																			
MW-15	19-Apr-00																																			
MW-15	14-Dec-00																																			
MW-15	11-Apr-01																																			
MW-15	3-Dec-01																																			
MW-15	26-Mar-02																																			
MW-15	30-Oct-02																																			
MW-15	23-Apr-03																																			
MW-15	8-Dec-03																																			
MW-15	31-Mar-04																																			
MW-15	16-Nov-04																																			
MW-15	19-Apr-05																																			
MW-15	8-Nov-05																																			
MW-15	11-Apr-06																																			
MW-15	7-Nov-06																																			
MW-15	17-Apr-07																																			
MW-15	6-Nov-07																																			
MW-15	23-May-08																																			
MW-15 (dup)	23-May-08																																			

not to scale

Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds													SVOCs																				
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentane	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene					
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.6	2100	560	100	0.7	200	70	2.8	530	1000	70000	0.015	4200	1400	NE	5000	21					
SMSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	5	1	1	5	1	50	1	100	5	15	10	10				
MW-16	26-Sep-94																																		
MW-16	5-Dec-94																																		
MW-16	12-Jan-95																																		
MW-16	11-Feb-95																																		
MW-16	13-Jan-95																																		
MW-16	28-Sep-95																																		
MW-16	31-Oct-95																																		
MW-16	18-Dec-96																																		
MW-16	28-Jan-96																																		
MW-16	2-Dec-96																																		
MW-16	26-Apr-97																																		
MW-16	3-Nov-97																																		
MW-16	13-May-98																																		
MW-16	30-Nov-98																																		
MW-16	27-Apr-98																																		
MW-16	8-Dec-99																																		
MW-16 dup	18-Apr-00																																		
MW-16	18-Apr-00																																		
MW-16	14-Dec-00																																		
MW-16	11-Apr-01																																		
MW-16	5-Dec-01																																		
MW-16	27-Mar-02																																		
MW-16	30-Oct-02																																		
MW-16 dup	30-Oct-02																																		
MW-16	23-Apr-03																																		
MW-16	8-Dec-03																																		
MW-16	31-Mar-04																																		
MW-16	18-Nov-04																																		
MW-16	19-Apr-05																																		
MW-16	8-Nov-05																																		
MW-16	11-Apr-06																																		
MW-16	7-Nov-06																																		
MW-16	17-Apr-07																																		
MW-16	6-Nov-07	1.5J	1.5	0.5J	2.8J																														
MW-16	21-May-08		1.1J	0.31J	2.47J																														

Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds														SVOCs																	
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene				
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	4.6	2100	560	100	0.7	200	70	2.8	530	1000	7000	0.015	4200	1400	NE	5000	21				
SWSL		100	1	3	1	10	5	1	5	6	1	1	1	1	200	5	1	1	1	1	1	1	50	1	100	5	15	10	10				
MW-17	5-Dec-94														52																		
MW-17	12-Jan-95	276				11			37																								
MW-17	11-Feb-95								56																								
MW-17	13-Jun-95																																
MW-17	28-Sep-95																																
MW-17	31-Oct-95																																
MW-17	29-Jan-96																																
MW-17	3-Dec-96																																
MW-17	26-Apr-97																																
MW-17	4-Nov-97																																
MW-17	13-May-98																																
MW-17	30-Nov-98																																
MW-17	27-Apr-99																																
MW-17	9-Dec-99																																
MW-17	19-Apr-00																																
MW-17	13-Dec-00																																
MW-17	10-Apr-01																																
MW-17	5-Dec-01																																
MW-17 dup	5-Dec-01																																
MW-17	28-Mar-02																																
MW-17	31-Oct-02																																
MW-17	23-Apr-03																																
MW-17	9-Dec-03																																
MW-17	1-Apr-04																																
MW-17	16-Nov-04																																
MW-17	19-Apr-05																																
MW-17	8-Nov-05																																
MW-17	11-Apr-06																																
MW-17	7-Nov-06																																
MW-17	17-Apr-07																																
MW-17	6-Nov-07	1.4J	0.5J		0.3J	4J		0.2J	33			0.2J	0.26J	0.28J			0.2J		4J	0.7J				1.1	1J								
MW-17	23-May-08		0.5J		0.42J	5.42J			46.7								0.38J		5.10J	1.88J					0.3400J	1.42J	0.832J						

**Table 4a  
Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
Feltonsville Landfill - Wake County**

Monitor Well	Sample Date	Volatile Organic Compounds																	SVOCs														
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene			
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.8	2100	550*	100	0.7	200	70	2.8	530	1000	7000*	0.015	4200	1400	NE	5000	21			
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	5	1	5	1	1	50	1	100	5	15	10	10		
MW-18	27-Sep-84																																
MW-18	19-Nov-84																																
MW-18	12-Jan-95																																
MW-18	11-Feb-95																																
MW-18	13-Jun-85																																
MW-18	28-Sep-95																																
MW-18	31-Oct-95																																
MW-18dup	31-Oct-95																																
MW-18	29-Jan-96																																
MW-18	3-Dec-96																																
MW-18	27-Apr-97																																
MW-18	5-Nov-97																																
MW-18	13-May-98																																
MW-18	2-Dec-98																																
MW-18	27-Apr-99																																
MW-18	8-Dec-99																																
MW-18	19-Apr-00																																
MW-18	13-Dec-00																																
MW-18	11-Apr-01																																
MW-18	3-Dec-01																																
MW-18	27-Mar-02																																
MW-18	31-Oct-02																																
MW-18	22-Apr-03																																
MW-18	9-Dec-03																																
MW-18	1-Apr-04																																
MW-18	16-Nov-04																																
MW-18	19-Apr-05																																
MW-18	8-Nov-05																																
MW-18	11-Apr-06																																
MW-18	7-Nov-06																																
MW-18	17-Apr-07																																
MW-18	6-Nov-07																																
MW-18	22-May-08																																

**Table 4a  
Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
Feltonsville Landfill - Wake County**

Monitor Well	Sample Date	Volatile Organic Compounds														SVOCs																					
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene						
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	1	1	1	1	200	560*	100	0.7	200	70	2.8	530	1000	7000*	0.015	4200	1400	NE	5000	21					
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	1	200	560*	100	0.7	200	70	2.8	530	1000	7000*	0.015	4200	1400	NE	5000	10					
MW-19	7-Dec-99																																				
MW-19	19-Apr-00																																				
MW-19	12-Dec-00																																				
MW-19	10-Apr-01																																				
MW-18	3-Dec-01																																				
MW-19	26-Mar-02																																				
MW-19	31-Oct-02																																				
MW-19	22-Apr-03																																				
MW-19	9-Dec-03																																				
MW-19	1-Apr-04																																				
MW-19 dup	1-Apr-04																																				
MW-19	16-Nov-04																																				
MW-19	18-Apr-05																																				
MW-19	8-Nov-05																																				
MW-19	11-Apr-06																																				
MW-19	7-Nov-06																																				
MW-19	17-Apr-07																																				
MW-19	6-Nov-07																																				
MW-19	23-May-08																																				
MW-20	8-Dec-99																																				
MW-20	19-Apr-00																																				
MW-20	13-Dec-00																																				
MW-20	11-Apr-01																																				
MW-20	3-Dec-01																																				
MW-20	28-Mar-02																																				
MW-20	31-Oct-02																																				
MW-20	22-Apr-03																																				
MW-20	9-Dec-03																																				
MW-20	1-Apr-04																																				
MW-20	16-Nov-04																																				
MW-20	19-Apr-05																																				
MW-20	8-Nov-05																																				
MW-20	11-Apr-06																																				
MW-20	7-Nov-06																																				
MW-20	17-Apr-07																																				
MW-20	6-Nov-07																																				
MW-20	22-May-08																																				

**Table 4a  
Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
Feltonsville Landfill - Wake County**

Monitor Well	Sample Date	Volatile Organic Compounds														SVOCs																				
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene					
		NC2L	760	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.8	2100	550*	100	0.7	200	70	2.8	530	1000	7000*	0.015	4200	1400	NE	5000	21					
		SMSL	100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	1	1	1	1	1	50	1	100	5	15	10	10				
MW-21	9-Dec-99																																			
MW-21	18-Apr-00																																			
MW-21	11-Dec-00																																			
MW-21	11-Apr-01																																			
MW-21	5-Dec-01																																			
MW-21	28-Mar-02																																			
MW-21	30-Oct-02																																			
MW-21	24-Apr-03																																			
MW-21	8-Dec-03																																			
MW-21	31-Mar-04																																			
MW-21	16-Nov-04																																			
MW-21	19-Apr-05																																			
MW-21	8-Nov-05																																			
MW-21	11-Apr-06																																			
MW-21	7-Nov-06																																			
MW-21	17-Apr-07							0.21																												
MW-21	6-Nov-07							0.25																												
MW-21	22-May-08																																			
MW-22	9-Dec-99																																			
MW-22	18-Apr-00																																			
MW-22	11-Dec-00																																			
MW-22	10-Apr-01																																			
MW-22	5-Dec-01																																			
MW-22	27-Mar-02																																			
MW-22	30-Oct-02																																			
MW-22	24-Apr-03																																			
MW-22	8-Dec-03																																			
MW-22	31-Mar-04																																			
MW-22	16-Nov-04																																			
MW-22	19-Apr-05																																			
MW-22	8-Nov-05																																			
MW-22	11-Apr-06																																			
MW-22	7-Nov-06																																			
MW-22	17-Apr-07																																			
MW-22	6-Nov-07																																			
MW-22	21-May-08																																			



Table 4a  
 Detected Groundwater Constituents - Volatile and Semi-Volatile Organic Compounds  
 Feltonsville Landfill - Wake County

Monitor Well	Sample Date	Volatile Organic Compounds															SVOCs																				
		Acetone	Benzene	Chlorobenzene	p-Dichlorobenzene	Chloroethane	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Ethylbenzene	Methylene Chloride	Trichlorofluoromethane	4-Methyl-2-Pentanone	Trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	cis-1,2-Dichloroethane	Trichloroethene	Total Xylenes	Toluene	Vinyl Acetate	Vinyl Chloride	MEK (2-Butanone)	Dichlorodifluoromethane	Bis(2-ethylhexyl) phthalate	Diethylphthalate	Naphthalene							
NC2L		700	1	50	1.4	2800	70	2.6	70	7	0.38	0.51	550	4.6	2100	560	100	0.7	200	70	2.8	330	1000	7000	0.015	4200	1400	NE	5000	21							
SWSL		100	1	3	1	10	5	1	5	5	1	1	1	1	1	200	5	1	1	1	5	1	1	50	1	100	5	15	10	10							
MW-25	8-Dec-89																																				
MW-25	18-Apr-00																																				
MW-25	11-Dec-00																																				
MW-25	10-Apr-01																																				
MW-25	5-Dec-01																																				
MW-25	28-Mar-02																																				
MW-25	30-Oct-02																																				
MW-25	24-Apr-03																																				
MW-25	8-Dec-03																																				
MW-25	31-Mar-04																																				
MW-25	16-Nov-04																																				
MW-25	19-Apr-05																																				
MW-25	8-Nov-05																																				
MW-25	11-Apr-06																																				
MW-25	7-Nov-06																																				
MW-25	17-Apr-07																																				
MW-25	6-Nov-07																																				
MW-25	22-May-08																																				
MW-26	9-Dec-89																																				
MW-26	18-Apr-00																																				
MW-26	14-Dec-00																																				
MW-26	10-Apr-01																																				
MW-26	5-Dec-01																																				
MW-26	27-Mar-02																																				
MW-26	30-Oct-02																																				
MW-26	24-Apr-03																																				
MW-26	8-Dec-03																																				
MW-26	31-Mar-04																																				
MW-26	16-Nov-04																																				
MW-26	19-Apr-05																																				
MW-26	8-Nov-05																																				
MW-26	11-Apr-06																																				
MW-26	7-Nov-06																																				
MW-26	17-Apr-07																																				
MW-26	6-Nov-07																																				
MW-26	21-May-08																																				



**Table 4b**  
**Detected Groundwater Constituents - Pesticides, Herbicides, and PCB's**  
**Feltonville Landfill - Wake County**

Monitor Well	Sample Date	Pesticides											Herbicides		
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	DDD	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Heptachlor Epoxide	Heptachlor	2,4-D	2,4,5-TF(Silvex)	Dinoseb
NC2L		0.006*	0.019*	0.019*	0.2	0.14	0.1	0.002	NE	2	0.0038	0.0078	70	50	7*
SWSL		0.05	0.05	0.05	0.05	0.1	0.1	0.075	0.1	0.1	0.075	0.05	2	2	1
MW-2	16-Nov-04														
MW-2	19-Apr-05														
MW-2	8-Nov-05														
MW-2	11-Apr-06														
MW-2	7-Nov-06														
MW-2	17-Apr-07														
MW-2	6-Nov-07														
MW-2	22-May-08														
MW-4	16-Nov-04														
MW-4	19-Apr-05														
MW-4	8-Nov-05														
MW-4	11-Apr-06														
MW-4	7-Nov-06														
MW-4	17-Apr-07														
MW-4	6-Nov-07														
MW-4	21-May-08								0.125						
MW-6	16-Nov-04														
MW-6	19-Apr-05														
MW-6	8-Nov-05														
MW-6	11-Apr-06														
MW-6	7-Nov-06														
MW-6	17-Apr-07														
MW-6	6-Nov-07														
MW-6	22-May-08			0.0163J					0.0272J**						
MW-8	16-Nov-04														
MW-8	19-Apr-05														
MW-8	8-Nov-05														
MW-8	11-Apr-06														
MW-8	7-Nov-06														
MW-8	17-Apr-07														
MW-8	6-Nov-07														
MW-8	22-May-08								0.0531J**						
MW-9	16-Nov-04														
MW-9	19-Apr-05														
MW-9	8-Nov-05														
MW-9	11-Apr-06														
MW-9	7-Nov-06														
MW-9	17-Apr-07														
MW-9	6-Nov-07														
MW-9	23-May-08							0.0241J							
MW-10	16-Nov-04														
MW-10	19-Apr-05														
MW-10	8-Nov-05														
MW-10	11-Apr-06														
MW-10	7-Nov-06												6.56J		
MW-10	17-Apr-07														
MW-10	6-Nov-07														
MW-10	23-May-08		0.0632					0.0253J							
MW-11	16-Nov-04														
MW-11	19-Apr-05														
MW-11	8-Nov-05														
MW-11	11-Apr-06														
MW-11	7-Nov-06														
MW-11	17-Apr-07														
MW-11	6-Nov-07														
MW-11	23-May-08								0.0227J**						

**Table 4b**  
**Detected Groundwater Constituents - Pesticides, Herbicides, and PCB's**  
**Feltonville Landfill - Wake County**

Monitor Well	Sample Date	Pesticides										Herbicides			
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	DDD	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Heptachlor Epoxide	Heptachlor	2,4-D	2,4,5-TP(Silvex)	Dinoseb
NC2L		0.006*	0.019*	0.019*	0.2	0.14	0.1	0.002	NE	2	0.0038	0.0078	70	50	7*
SWSL		0.05	0.05	0.05	0.05	0.1	0.1	0.075	0.1	0.1	0.075	0.05	2	2	1
MW-12	16-Nov-04														2.6
MW-12	19-Apr-05														
MW-12	8-Nov-05														
MW-12	11-Apr-06														
MW-12	7-Nov-06														
MW-12	17-Apr-07														
MW-12	6-Nov-07														
MW-12	22-May-08		0.0542					0.0539J		0.064J**					
MW-13	16-Nov-04														
MW-13	19-Apr-05														
MW-13	8-Nov-05														
MW-13	11-Apr-06														
MW-13	7-Nov-06														
MW-13	17-Apr-07														
MW-13	6-Nov-07														
MW-13	23-May-08		0.042J					0.0647J							
MW-14	16-Nov-04														
MW-14	19-Apr-05														
MW-14	8-Nov-05														
MW-14	11-Apr-06														
MW-14	7-Nov-06														
MW-14	17-Apr-07														
MW-14	6-Nov-07														
MW-14	23-May-08								0.0866J**						
MW-15	16-Nov-04														
MW-15	19-Apr-05														
MW-15	8-Nov-05														
MW-15	11-Apr-06														
MW-15	7-Nov-06														
MW-15	17-Apr-07														
MW-15	6-Nov-07		0.077		0.059										
MW-15	23-May-08		0.0318J 0.0370J						0.092J** 0.069J**					0.088J	
MW-15 (dup)	23-May-08														
MW-16	16-Nov-04														
MW-16	19-Apr-05														
MW-16	8-Nov-05														
MW-16	11-Apr-06														
MW-16	7-Nov-06														
MW-16	17-Apr-07														
MW-16	6-Nov-07														
MW-16	21-May-08								0.167						0.152J
MW-17	16-Nov-04														
MW-17	19-Apr-05														
MW-17	8-Nov-05														
MW-17	11-Apr-06														
MW-17	7-Nov-06														
MW-17	17-Apr-07														
MW-17	6-Nov-07														
MW-17	23-May-08							0.0222J							
MW-18	16-Nov-04														
MW-18	19-Apr-05														
MW-18	8-Nov-05														
MW-18	11-Apr-06														
MW-18	7-Nov-06														
MW-18	17-Apr-07														
MW-18	6-Nov-07														
MW-18	22-May-08			0.17				0.0322J	0.128						

**Table 4b**  
**Detected Groundwater Constituents - Pesticides, Herbicides, and PCB's**  
**Feltonville Landfill - Wake County**

Monitor Well	Sample Date	Pesticides											Herbicides		
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	DDD	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Heptachlor Epoxide	Heptachlor	2,4-D	2,4,5-TP(Silvex)	Dinoseb
NC2L		0.006*	0.019*	0.019*	0.2	0.14	0.1	0.002	NE	2	0.0038	0.0078	70	50	7*
SWSL		0.05	0.05	0.05	0.05	0.1	0.1	0.075	0.1	0.1	0.075	0.05	2	2	1
MW-19	16-Nov-04														
MW-19	19-Apr-05														
MW-19	8-Nov-05														
MW-19	11-Apr-06														
MW-19	7-Nov-06														
MW-19	17-Apr-07														
MW-19	6-Nov-07														
MW-19	23-May-08								0.0149J**						
MW-20	16-Nov-04														
MW-20	19-Apr-05														
MW-20	8-Nov-05														
MW-20	11-Apr-06														
MW-20	7-Nov-06														
MW-20	17-Apr-07														
MW-20	6-Nov-07														
MW-20	22-May-08							0.0391J		0.061J**					
MW-21	16-Nov-04														
MW-21	19-Apr-05														
MW-21	8-Nov-05														
MW-21	11-Apr-06														
MW-21	7-Nov-06														
MW-21	17-Apr-07														0.86J
MW-21	6-Nov-07														
MW-21	22-May-08							0.0481J		0.201					
MW-22	16-Nov-04														
MW-22	19-Apr-05														9.64
MW-22	8-Nov-05														18.9
MW-22	11-Apr-06														
MW-22	7-Nov-06														
MW-22	17-Apr-07														
MW-22	6-Nov-07														
MW-22	21-May-08							0.0415J		0.0105J**	0.0379J				0.118J
MW-23	16-Nov-04														
MW-23	19-Apr-05														
MW-23	8-Nov-05														
MW-23	11-Apr-06														
MW-23	7-Nov-06														
MW-23	17-Apr-07														
MW-23	6-Nov-07														
MW-23	21-May-08							0.0230J		0.0557J**					
MW-24	16-Nov-04														
MW-24	19-Apr-05														
MW-24	8-Nov-05														
MW-24	11-Apr-06														20.9
MW-24	7-Nov-06														
MW-24	17-Apr-07														
MW-24	6-Nov-07		0.073												
MW-24	22-May-08	0.0693	0.1			0.0303J	0.0284J		0.114						
MW-25	16-Nov-04														
MW-25	19-Apr-05														
MW-25	8-Nov-05														
MW-25	11-Apr-06														
MW-25	7-Nov-06														
MW-25	17-Apr-07														
MW-25	6-Nov-07														
MW-25	22-May-08		0.234	0.0466	0.101		0.0452J		0.116		0.0441				

**Table 4b  
Detected Groundwater Constituents - Pesticides, Herbicides, and PCB's  
Feltonville Landfill - Wake County**

Monitor Well	Sample Date	Pesticides											Herbicides		
		Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	DDD	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Heptachlor Epoxide	Heptachlor	2,4-D	2,4,5-TP(Silvex)	Dinoseb
NC2L		0.006*	0.019*	0.019*	0.2	0.14	0.1	0.002	NE	2	0.0038	0.0078	70	50	7*
SWSL		0.05	0.05	0.05	0.05	0.1	0.1	0.075	0.1	0.1	0.075	0.05	2	2	1
MW-26	16-Nov-04														
MW-26	19-Apr-05														
MW-26	8-Nov-05														
MW-26	11-Apr-06														
MW-26	7-Nov-06														
MW-26	17-Apr-07											0.052			
MW-26	6-Nov-07		0.058												
MW-26	21-May-08							0.0282J							
MW-27	16-Nov-04														
MW-27	19-Apr-05														
MW-27	8-Nov-05														
MW-27	11-Apr-06														
MW-27	7-Nov-06														
MW-27	17-Apr-07														
MW-27	6-Nov-07														
MW-27	21-May-08								0.0436J**						
MW-28	19-Apr-05														
MW-28	8-Nov-05														
MW-28	11-Apr-06														
MW-28	7-Nov-06														
MW-28	17-Apr-07														
MW-28	6-Nov-07														
MW-28	22-May-08								0.0484J**						

**Notes:**

All units are in micrograms per liter (parts per billion).

▨ - Concentration exceeds N.C. Groundwater Standards (2L)

▤ - Indicates results below detection limits

\* - groundwater protection standard

J - Indicates the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Reporting Limit (SWSL)

\*\* - Endosulfan I was also detected in the Method Blank and Equipment Blank at similar concentrations.

NS - Not Sampled; dup - duplicate sample

No PCBs were detected in samples from the April 2008 sampling event.